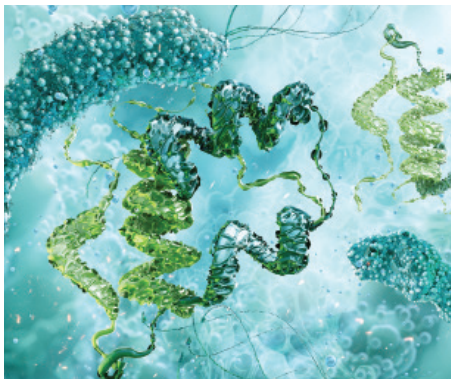


NanoCool™

Family of Shippers



Simple, Reliable
Cold Chain
Solutions — Ready
When You Are




Every shipment matters. Whether delivering life-saving therapies or critical diagnostics, you need cold chain packaging that works without complication. NanoCool offers a portfolio of single-use shippers designed to simplify cold chain logistics while protecting your most valuable payloads. With easy activation, no preconditioning, and proven performance, NanoCool solutions keep your products — and your patients safe.

Three Solutions. One Mission.

NanoCool Cooling Systems

The everyday solution for reliable cold chain shipping. With evaporative cooling technology, Cooling Systems maintain temperatures from 2°C to 8°C without the need for freezers or complex pack-outs. Lightweight, easy to activate, and designed to minimize freight costs, they're ideal for routine shipments where simplicity and performance are key.

- 
- **Duration**
48–92 hours
 - **Cooling Method**
Evaporative Cooling
 - **Best For**
Routine pharmaceutical shipments

NanoCool Universal Systems

For more demanding conditions, Universal Systems combine evaporative cooling with phase change materials (PCMs) to deliver extended protection against ambient temperature spikes. When your shipping lanes are unpredictable, Universal Systems provide the extra assurance you need without adding complexity.

- **Duration**
48–96 hours
- **Cooling Method**
Evaporative Cooling + PCM
- **Best For**
Challenging lanes with temperature fluctuations

NanoCool Shuttle

Built for efficiency in overnight shipments, Shuttle Systems offer compact, lightweight protection for biological specimens and time-sensitive deliveries. Designed to fit within UN3373-designated envelopes, Shuttle is the go-to solution for courier shipments where space, speed, and simplicity are critical.

- **Duration**
Up to 40 hours
- **Cooling Method**
Evaporative Cooling
- **Best For**
Small-volume, overnight biological shipments

NanoCool

Every solution is designed to make cold chain shipping simpler, safer, and more efficient.

On-Demand Activation

No freezers. No preconditioning. Ready in minutes, saving space and reducing operational burden.

Error-Proof Simplicity

One-touch activation makes NanoCool systems easy to use, even with minimal training.

Optimized Freight Efficiency

Lower dimensional weight helps reduce shipping costs and environmental impact.

Reliable Thermal Protection

Proven performance, even in fluctuating temperatures, safeguarding product integrity and patient safety.

Smaller CO₂ Footprint

Lightweight designs minimize emissions and landfill waste compared to traditional EPS solutions.

UN3373 Compatibility

Designed to meet regulatory needs for specimen shipping.



Solving Common Challenges

NanoCool systems are built to address the everyday obstacles life sciences organizations face in temperature-sensitive shipping.

Temperature Sensitivity

NanoCool systems adjust to ambient variations, maintaining critical temperatures where water-based systems fall short.

Minimizing Pack-Out Errors

Simple, intuitive activation removes the guesswork, ensuring product efficacy.

Balancing Cost and Quality

Lower freight and storage costs help offset packaging investments, delivering long-term value.

Rapid Deployment

Stored at ambient temperatures and ready to activate, NanoCool is ideal for last-minute collections.

Supporting Sustainability

Less weight. Less waste. A smarter approach to responsible cold chain shipping.

Reliable Solutions. Ready When You Are.

Ready to explore how NanoCool can streamline your temperature-controlled shipments? Connect with us to learn more.

See how NanoCool can elevate your temperature-controlled shipping:

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